

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D350-616 REV. F OR LATER APPROVED REVISION

REF. TCCA STC: SH96-10
REF. FAA STC: SR00405NY
REF. EASA STC: 10042994
REF. ANAC STC: 2013S02-03
REF. DGAC STC: 84-SI0995
REF. DANISH STC: 27/96

1.0 PURPOSE

The purpose of this DART Service Instruction (DSI) is to clarify the installation instructions related to the D2344 Litter Deck Plate, which is part of the DART D350-616-011 Emergency Litter Kit and to provide instructions on how to install the D2344 Custom Aft Deck Plate, which does not include pre-drilled holes. This allows the customer to transfer drill existing holes from the aircraft into the Custom Aft Deck Plate.

2.0 INSTALLATION

In addition to the instructions provided in IIN-D350-616 and D350-616, the D2344 Custom Aft Deck Plate is to be installed onto the aircraft as follows:

- 1) Locate the D2344 Custom Aft Deck Plate on the aircraft per Figure 1 of this service instruction.
- 2) Transfer drill all holes and profiles from the aircraft to the custom aft deck plate per Figure 1 of this service instruction. Maintain a minimum edge distance of 2D and a minimum pitch of 3D.
- 3) Countersink all $\varnothing 0.128$ hole to $\varnothing 0.225 \times 100^\circ$, all $\varnothing 0.171$ holes to $\varnothing 0.285 \times 100^\circ$, and all $\varnothing 0.191$ holes to $\varnothing 0.351 \times 100^\circ$. Deburr all holes.
- 4) Touch up with chemical conversion coating per MIL-C-5541, one coat of MIL-P-85582 or MIL-P-23377 primer, and 2-3 coats of MIL-C-85285 polyurethane coating to match original finish.
- 5) Fasten the Custom Aft Deck Plate to the aircraft floor per IIN-D350-616.
- 6) Complete D350-616-011 Kit installation per IIN-D350-616.
- 7) Ensure that the D2370-1 Litter Assembly can be installed and secured by the litter tie downs and that it does not interfere with any aircraft controls.
- 8) Update the aircraft logbook to indicate installation of D2344 Custom Aft Deck Plate as part of the D350-616-011 Litter Kit.

3.0 WEIGHT AND BALANCE

There is a negligible weight and balance change associated with the D2344 Custom Aft Deck Plate installation.

4.0 MAINTENANCE

Maintain installation per ICA-D350-616.


CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
C. PROVENCAL (DE # 03)

DATE: 17.07.07
CERT. NO.: SH96-10
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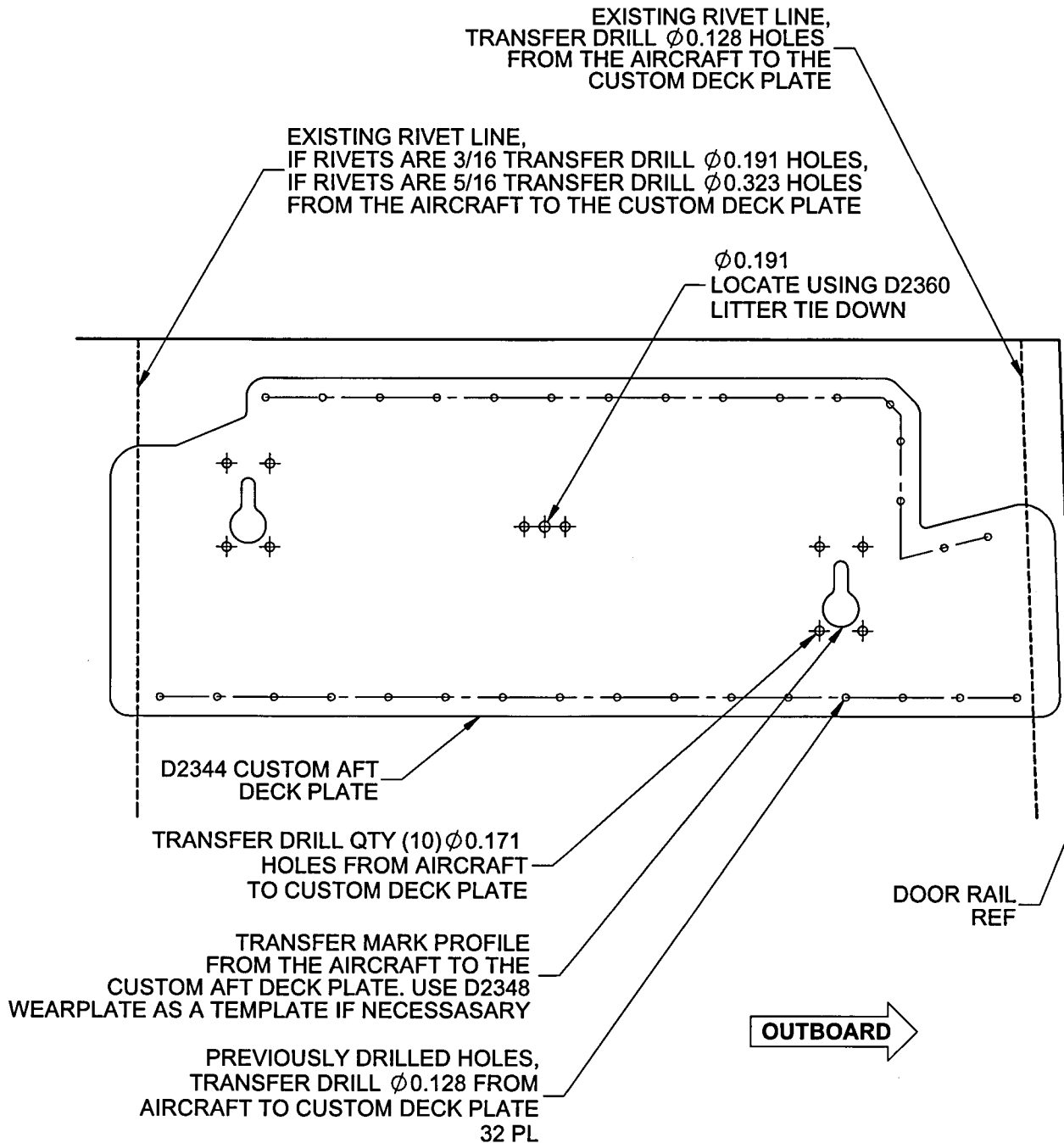


FIGURE 1: D2344 CUSTOM DECK PLATE INSTALLATION

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